

INTERNATIONAL SEARCH REPORT

 Internal — Application No
 PCT/EP2005/001190

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C21D7/04 B21K1/08 B23P9/04 B24B39/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C21D B21K B23P B24B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 34 38 742 A1 (MASCHINENFABRIK ALFING KESSLER GMBH; MASCHINENFABRIK ALFING KESSLER GM) 30 April 1986 (1986-04-30) cited in the application	20
A	the whole document	1-19
A	US 2 888 846 A (PERAS LUCIEN) 2 June 1959 (1959-06-02) the whole document	1-20
A	PATENT ABSTRACTS OF JAPAN vol. 009, no. 138 (C-286), 13 June 1985 (1985-06-13) & JP 60 024319 A (HONDA GIKEN KOGYO KK), 7 February 1985 (1985-02-07) abstract; figures 1-4	1, 20

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *Z* document member of the same patent family

Date of the actual completion of the international search

13 June 2005

Date of mailing of the international search report

24/06/2005

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Information on patent family members

Intern: Application No
PCT/EP2005/001190

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3438742	A1	30-04-1986	EP US	0180855 A1 4682489 A
				14-05-1986 28-07-1987
US 2888846	A	02-06-1959	NONE	
JP 60024319	A	07-02-1985	JP JP	1852379 C 5059170 B
				21-06-1994 30-08-1993